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Challenges Airlines Face with Non-Standardized 'eVisas'

Karine Boulet Gaudreault

Passenger Facilitation, IATA

Drivers for Improving Passenger Processes

Paper document
based processes
are not sustainable
or secure

Skilled staff shortage and rotation

Airport congestion

- infrastructure

constraints

Data privacy and social acceptance

Reducing the number of inadmissible persons

Need to move the processes off-airports



Pre-Travel
Verification



Concept

Tools and processes that can securely enable border authorities to determine the admissibility of passengers to travel and enter their country in advance of the travel journey

Objectives

Authorities - Identification of passengers and risk assessment performed in advance, expediting border processes

Passengers - Trust that they can proceed with their journey

Airlines - Reduce the risks of incorrectly determining the admissibility to travel of passengers (Doc Check)

End state

Seamless travel: Airlines and border authorities implement digital processes and biometric recognition



Pre-Travel Verification

✓ Systems, Tools and Credentials

- Interactive Advance Passenger Information
 Etc.
- Digital travel portals (health, visa, customs)
- Electronic Travel Systems (ETS)

- Biometric recognition

Digital credentials (DTC, DTA and VDS)

Requirements

Secure digital credentials and processes & interoperability

Approach

Progressive and completeness of entry requirements (Identity, Immigration, Customs, Health)



Harmonization of Travel Authorizations

Physical Visas

Application: Physically

Issuance: Sticker in the passport

Verification: Semi-automated





Digital Visas / 'eVisas'

Application: Digital platform

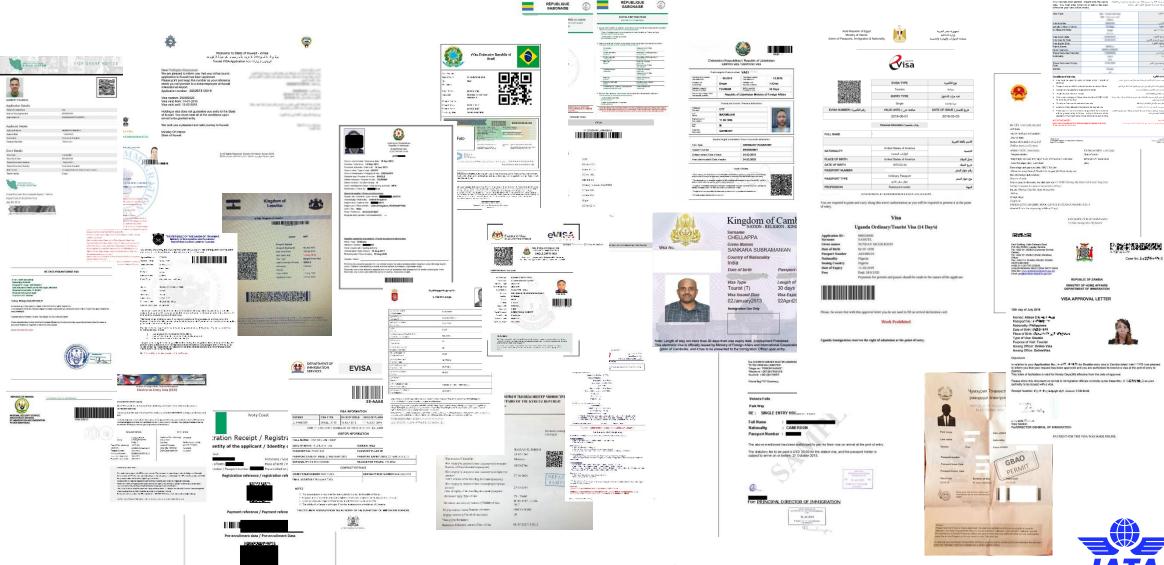
Issuance: Digital (e.g., email)

Verification: The challenge

Not interoperable nor secure



'eVisas' - The Challenge



SULTANATE OF OMAN

'eVisa' Printout Verification

Challenges

- Lack of verifiable security feature
- No harmonization of display, barcodes not interoperable
- Carrier's liability with Doc Check
- Checking website >> Not supported
- Time-sensitive Check-In Process
- No automation or digitalization of Doc Check possible

Solutions

- Interactive Advance Passenger Information (iAPI)
- ICAO Digital Travel Authorization (DTA)



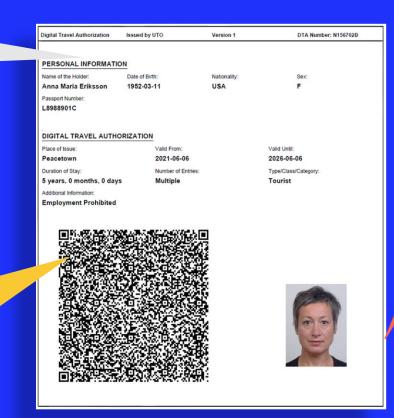


DTA Technical Report available on icao.int

ICAO DTA Technical Specifications

Similar data fields

Secure element: digitally signed barcode



Harmonized display

Digitalization of Admissibility to Travel

IATA is working with its airline members for their systems and processes to use digital credentials and facilitate contactless processes across touchpoints





